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Release Notes IP 700 Series Phones

Firmware Version 1.3.7
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Purpose

Firmware Release 1.3.7 provides solutions to address several field issues.

Firmware Release 1.3.7 is Generally Available code. Caveats discovered during testing but not addressed in this build are listed as Errata in [Appendix A](#).

A listing of available documents for related to this release appears in [Appendix B](#). Configuration guides, white papers, data sheets, and other documentation may be found in ADTRAN's Knowledgebase, <http://kb.adtran.com>.

Important Notices

Bootrom Upgrade Required

When upgrading to firmware version 1.3.7, a bootrom upgrade to version 1.3.4 is also required. The bootrom files for each phone are included in the firmware download bundle.

Summary of Bug Fixes

This section highlights bug fixes included in firmware version 1.3.7.

Phone deactivates Mute

Issue Detail

- If you change from handset to speakerphone and then activate Mute, if you hang up the handset, the phone will deactivate Mute.

Answer Softkey Operation

Issue Detail

- Pressing this key on the first incoming call will answer the call. Pressing this key on the second incoming call (while still on the original call) will only ignore the call waiting notification.

Shared Line Account Key Label

Issue Detail

- When a SLA line is active, the line label disappears.

Audio heard on Speakerphone and Headset

Issue Detail

- If you adjust the volume on an idle phone and go off-hook on a headset before the volume indicator disappears, you will hear dialtone on the headset and the speakerphone.

SLA line label changes when Public Hold is activated

Issue Detail

- When a call on a Shared Line Account is placed on Public Hold, the line key changes to the SLA registration username until the call is terminated.

Internal/External ring mapping incorrect

Issue Detail

- Internal ring setting controlled external calls and External ring setting controlled internal calls.
- GP realm registrations used External instead of Internal if no Alert-Info header was received.

SIP Registration may expire

Issue Detail

- When the SIP server and phone have re-registration timers that expire at the same time, the phone may un-register for a period of time while the registration process happens.
- The phone will now re-register 30 seconds before the configured SIP registration expiration timer expires.

Outbound proxy address used incorrectly

Issue Detail

- The configured address for "OutboundProxy.x.Address.y" was being used in the Request URI for SIP messages. "ProxyServer.x.Address.y" should control the address used in a URI and the layer 3 destination fields, while "OutboundProxy.x.Address.y" should override only the layer 3 destination if set, leaving the URI untouched.

Cannot define a custom ring

Issue Detail

- When "adtran_customer.txt" is used to define a custom ringtone in place of a default tone such as Ring 8, the custom settings would be ignored and the phone would ring with the default Ring 8 tone.

Upgrade Instructions

To upgrade your IP 700 Series Phones, you will need to complete 3 basic steps:

1. Upload the new firmware files to your boot server via FTP.
2. Update the `adtran_firmware_7xx.txt` file to reflect the new software image name.
3. Reboot the phones and confirm they download the new firmware images.

These steps are outlined in more detail below.

Uploading the new firmware

If you are using the NetVanta 7000 Series products, you can FTP the new firmware to the ADTRAN folder on the CFLASH of the product.

If you are using another SIP server, then you can upload the new firmware to the boot server used for this SIP server.

Updating “adtran_firmware_7xx.txt”

There are 2 files used to tell the phone which version of application and boot firmware is the latest for the phone. These files are “adtran_firmware_706.txt” and “adtran_firmware_712.txt”. Below is an example of the contents of one of these files.

```
AppName apadt6r1307.ebin  
BootName btadt6r1304.ebin
```

AppName defines the application firmware image name and BootName defines the bootrom firmware image name. All filenames are keyed to the phone type. In this example, the application filename is “apadt6r1307.ebin” which indicates this file is for the IP 706 phone. The application filename for the IP 712 would be “apadt12r1307.ebin”.

Once these files are updated to reflect the new versions, upload them to the boot server and replace any existing copies there.

Rebooting the phones and confirming upload

From the NetVanta 7000 Series products, you can select the phone MAC addresses and click Sync Phones on the IP Phone Configs web page. You can confirm the FTP download of the new firmware by using the command “debug ip ftp-server” on the Command Line Interface of the NetVanta 7000 Series product.

Appendix A – Errata for 1.3.7

The following is a list of errata that still exists in 1.3.7

Metaswitch Message Waiting Indication will not light Messages LED

Issue Detail

- When a NOTIFY message is received from a Metaswitch where the “Message-Waiting” field set to “yes” and the “Voice-Message” field is not present, the phone should still light the Messages LED but does not.

Errata Justification

- This only occurs with Metaswitch and does not affect operation with the NetVanta 7000 Series products or other softswitches. This will be resolved in the next firmware release for the IP 700 Series phones.

Appendix B – Related Documents

For configuration guides, installation guides, white papers and more, visit ADTRAN’s knowledge base at <http://kb.adtran.com>.

IP 700 Series Phone Configuration and Troubleshooting Guide (New) - <http://kb.adtran.com/article.asp?article=2515&p=2>

Updating the Global Phone Directory in the NetVanta 7000 Series Products (New) - <http://kb.adtran.com/article.asp?article=2605&p=2>

Setting the Time Zone Offset on an IP 700 Series Phone (New) - <http://kb.adtran.com/article.asp?article=2603&p=2>

Enabling the Hold Reminder on ADTRAN IP 700 Series Phones (New) - <http://kb.adtran.com/article.asp?article=2495&p=2>

Adding a Silent Ring to an IP 700 Series Phone (New) – <http://kb.adtran.com/article.asp?article=2604&p=2>